

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	(68/023.100).CCLS.	USPAT; USOCR	OR	OFF	2006/09/15 10:54
S2	279	(68/23.1).CCLS.	USPAT; USOCR	OR	OFF	2006/09/15 11:04
S3	94	S2 and sens\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 11:07
S4	52	S2 and sens\$4 and prevent\$4 and vibrat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 11:07
S5	19	S2 and sens\$4 and prevent\$4 and vibrat\$5 and detect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 11:08
S6	3	S2 and sens\$4 and prevent\$4 and vibrat\$5 and detect\$4 and ball	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 11:09
S7	15	S2 and sens\$4 and vibrat\$5 and ball	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 11:12
S8	2756334	S2 detect\$5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 11:12
S9	35	S2 and detect\$5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 11:18
S10	92	S2 and unbalanced	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 11:20
S11	102	S2 and (unbalanced or eccentric)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 11:20
S12	12	("3509742" "3945226" "4729458" "4992190" "5070565" "5207081" "5230229" "5375282" "5520029").PN. OR ("5907880").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 11:25

EAST Search History

S13	43	("2895697" "3088593" "3145818" "3149212" "3227835" "3262661" "3298525" "3318118" "3447686" "3504777" "3736772" "4098098" "4449383" "4548590" "4643116" "4910502" "5050407").PN. OR ("5230229" "5375282").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 11:28
-----	----	---	------------------------------	----	-----	------------------

EAST Search History

S14	189	("2081604" "2544360" "2575360" "2661596" "2667237" "2733792" "2807950" "2890580" "2892152" "2911812" "2917175" "2960190" "3014590" "3014591" "3051313" "3055203" "3084799" "3145818" "3152462" "3172848" "3174587" "3209561" "3216542" "3226016" "3227835" "3311237" "3318118" "3339732" "3394784" "3402819" "3422957" "3425559" "3499534" "3504777" "3509742" "3583182" "3739887" "3790727" "3803881" "3945226" "3945921" "3962595" "4096988" "4098098" "4099667" "4123675" "4195500" "4200003" "4232768" "4350913" "4351515" "4411664" "4437325" "4449383" "4455461" "4458536" "4528851" "4611295" "4681197" "4720087" "4729458" "4765161" "4849120" "4856631" "4896754" "4910502" "4920929" "4992190" "5015926" "5019119" "5070565" "5080204" "5081882" "5085064" "5140493" "5152159" "5207081" "5230229" "5269159" "5277281" "5284330" "5301523" "5325677" "5375282" "5375437" "5382373" "5390121" "5397949" "5452957" "5460585" "5492312" "5520029" "5523644" "5547049" "5561990" "5561993" "5573088" "5598908" "5606877" "5632361" "5661990" "5685038" "5713221" "5744876" "5744923" "5850746" "5907880" "5924312" "5956951" "5974839" "6032531" "6047797" "6065170" "6068249" "6070691" "6082715"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 11:35
BEST AVAILABLE COPY						
9/22/2006 12:03:24 PM C:\Documents and Settings\JLiddleman\My Documents\EAST\Workspaces\10722459.wsp						
Page 3						

EAST Search History

S15	14	("2311545" "2311924" "3098372" "3815082" "3958094" "4311891" "4455461" "4496809" "4910502").PN. OR ("5685038").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 11:44
S16	17	("2882360" "3145818" "3227835" "3504777" "3763670").PN. OR ("4098098").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 11:46
S17	17	("2882360" "3145818" "3227835" "3504777" "3763670").PN. OR ("4098098").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 11:44
S18	58	S2 and (unbalanced or out-of-balance) and switch	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/15 12:23
S19	3686	(wash\$4 same machine) and \$4balance\$3 and switch\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 12:26
S20	1517	(wash\$4 adj machine) and \$4balance\$3 and switch\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 12:28
S21	0	(wash\$4 adj machine) and \$4balance\$3 and switch\$4 and DO6F.clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 12:33
S22	0	(wash\$4 adj machine) and \$4balance\$3 and switch\$4 and DO6F.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 12:29
S23	0	(wash\$4 adj machine) and \$4balance\$3 and switch\$4 and DO6F.cipc.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 12:34
S24	0	("DO0006F").PN.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/09/15 12:32
S25	0	(D06F37/00).CCLS.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/09/15 12:32
S26	86	D06F 37/00.ipc.	USPAT	OR	OFF	2006/09/15 12:33

EAST Search History

S27	1517	(wash\$4 adj machine) and (\$4balance\$3 and switch\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 12:34
S28	0	(wash\$4 adj machine) and (\$4balance\$3).ab. and switch\$4 and DO6F.cipc.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 12:34
S29	207	(wash\$4 adj machine) and (\$4balance\$3).ab. and switch\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 12:51
S30	90	(wash\$4 adj machine) and (\$4balance\$3).ab. and (switch\$4 or armature) and rotat\$4 and ax\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 12:54
S31	1079	(wash\$4 adj machine) and (eccentric or \$4balance\$3) and (switch\$4 or armature) and rotat\$4 and ax\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 13:08
S32	14	("3583182" "4098098" "4449383" "4677291" "4742698" "5083447" "5269159" "5375437" "5561990").PN. OR ("5713221"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 13:05
S33	14	("2311545" "2311924" "3098372" "3815082" "3958094" "4311891" "4455461" "4496809" "4910502").PN. OR ("5685038"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 13:07
S34	638	(wash\$4 adj machine) and (eccentric or \$4balance\$3) and (switch\$4 or armature) and rotat\$4 and ax\$3 and moving	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 13:09
S35	664	(wash\$4 adj machine) and (eccentric or \$4balance\$3) and (switch\$4 or armature) and rotat\$4 and ax\$3 and (moving or swinging)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 13:10
S36	710	(wash\$4 adj machine) and (eccentric or \$4balance\$3) and (switch\$4 or armature) and rotat\$4 and ax\$3 and (moving or swinging or shifting or undulating)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 13:11

EAST Search History

S37	386	(wash\$4 adj machine) and (eccentric or \$4balance\$3) and (switch\$4 or armature) and rotat\$4 and ax\$3 and (moving or swinging or shifting or undulating) and "68".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 13:12
S38	17	("2882360" "3145818" "3227835" "3504777" "3763670").PN. OR ("4098098").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 13:46
S39	32	("2882360" "2921155" "2957959" "3051313" "3145818" "3227835" "3272935" "3488463" "3504772" "3716122" "3763670" "3997751" "4098098" "4342476" "4449383" "5001910" "5038587" "5050407").PN. OR ("5440086").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 14:35
S40	1	("3958094").PN.	USPAT; USOCR	OR	OFF	2006/09/15 14:35
S41	6	("3189719" "3683144" "3713055").PN. OR ("3958094").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 14:57
S42	2	("3504777").PN.	USPAT; USOCR	OR	OFF	2006/09/15 14:58
S43	18	("3504777").URPN.	USPAT	OR	OFF	2006/09/15 14:58
S44	86	68/12.06.ccls. and balance and control	US-PGPUB; USPAT	OR	ON	2006/09/15 15:16
S45	45	68/12.06.ccls. and balance and switch	US-PGPUB; USPAT	OR	ON	2006/09/15 15:16
S46	78	68/12.06.ccls. and unbalanced	US-PGPUB; USPAT	OR	ON	2006/09/15 15:17
S47	97	68/12.06.ccls. and (unbalanced or out-of-balance or eccentric)	US-PGPUB; USPAT	OR	ON	2006/09/15 15:19
S48	95	68/12.06.ccls. and (unbalanced or out-of-balance or eccentric)and (sens\$3 or switch or detect\$4)	US-PGPUB; USPAT	OR	ON	2006/09/15 15:19
S49	1	("5440086").PN.	USPAT; USOCR	OR	OFF	2006/09/19 09:38

EAST Search History

S50	32	("2882360" "2921155" "2957959" "3051313" "3145818" "3227835" "3272935" "3488463" "3504772" "3716122" "3763670" "3997751" "4098098" "4342476" "4449383" "5001910" "5038587" "5050407").PN. OR ("5440086").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 10:54
S51	0	(68/12.02/12.06/12/27/140). CCLS.	USPAT; USOCR	OR	OFF	2006/09/19 10:54
S52	180	((("0012.06") or ("0012.27")).PN. or ((68/12.02) or (/140)).CCLS.	USPAT; USOCR	OR	OFF	2006/09/19 10:56
S53	1444	((68/12.02) or (68/12.06) or (68/12.27) or (68/140) or (68/24)).CCLS.	USPAT; USOCR	OR	OFF	2006/09/19 10:58
S54	274	S53 and (\$3balanc\$3 or eccentric\$3 or vibration\$2 or nois\$3)	US-PGPUB; USPAT	OR	ON	2006/09/19 10:59
S55	41	((out-of-balance) or unbalanced or eccentric) and switch and (washing adj machine) and sens\$4 and ball	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:00
S56	23	((out-of-balance) or unbalanced or eccentric) and switch and (washing adj machine) and sens\$4 and ball and rotational and movement	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:01
S57	492	((out-of-balance) or unbalanced) and (switch\$2 or sensor\$2) and (washing adj machine)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:10
S58	445	((out-of-balance) or unbalanced) and (switch\$2 or sensor\$2) and (washing adj machine)and rotat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:21
S59	79	((out-of-balance) or unbalanced) and (switch\$2 or sensor\$2).ab. and (washing adj machine)and rotat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:25
S60	33	((out-of-balance) or unbalanced) and (switch\$2 or sensor\$2).ab. and (washing adj machine)and rotat\$4 and accelerat\$6	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:25

EAST Search History

S61	29	((out-of-balance) or unbalanced) and (detect\$4 and switch\$2 or sensor\$2).ab. and (washing adj machine)and rotat\$4 and accelerat\$6	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:27
S62	29	((out-of-balance or OOB) or unbalanced) and (detect\$4 and switch\$2 or sensor\$2).ab. and (washing adj machine)and rotat\$4 and accelerat\$6	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:29
S63	2594	(detect\$4 and switch\$2 or sensor\$2).ab. and rotat\$4 and accelerat\$6 and (ball or sphere)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:30
S64	51	(detect\$4 and switch\$2 or sensor\$2).ab. and rotat\$4 and accelerat\$6 and ((ball or sphere) near moving)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:33
S65	93	(detect\$4 and switch\$2 or sensor\$2).ab. and rotat\$4 and accelerat\$6 and ((ball or sphere) near moves)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:36
S66	4	("5622383" "5791582" "6015164").PN. OR ("6578419").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 15:36
S67	571	(detect\$4 and switch\$2 or sensor\$2).ab. and rotat\$4 and accelerat\$6 and (ball or sphere) and lever	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:45
S68	0	(detect\$4 and switch\$2 or sensor\$2) and rotat\$4 and accelerometer and (ball or sphere) and roll\$3 and mov\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:47
S69	4632	(detect and switch or sensor) and rotat\$4 and acceleration and (ball or sphere) and roll\$3 and moves	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:48
S70	24516	(detect and switch or sensor) and rotat\$4 and acceleration and ball or sphere and roll\$3 and moves	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:48
S71	820	(detect and switch or sensor).ab. and rotat\$4 and acceleration and (ball or sphere) and roll\$3 and moves	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:48
S72	91	(detect and switch or sensor).ab. and rotat\$4 and acceleration.ab. and (ball or sphere) and roll\$3 and moves	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:48

EAST Search History

S73	23	("3722824" "3780314" "3967510" "4057200" "4148447" "4193565" "4253622" "4453681" "4467981" "4483495" "4522350" "4607805" "4619417" "4757954" "5622383" "5791582" "6015164").PN. OR ("4619417" "4898033" "4943010" "6470746" "6578419").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 15:50
S74	6	("4057200" "4453681" "4483495").PN. OR ("4619417").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 15:52
S75	569	(acceleration and sensor and (ball or sphere).ab.)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 15:52
S76	119	(acceleration and sensor and (ball or sphere).ab.) and hollow	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 15:55
S77	262	(acceleration and sensor and (ball or sphere).ab.) and (hollow or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 15:53
S78	27581	(accelerometer or motion adj sensor)".ab" and (ball or sphere or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:37
S79	332	(accelerometer).ab. and (ball or sphere or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 15:57
S80	221	(accelerometer).ti. and (ball or sphere or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 15:57
S81	0	(accelerometer).ti. and (ball or sphere or spherical) and hollow near chamber	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 15:58
S82	54	(accelerometer).ti. and (ball or sphere or spherical) and hollow	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:00
S83	39	((motion or movement) and (sensor or detector)).ti. and (ball or sphere or spherical) and hollow	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:01
S84	0	("2005/0001579").URPN.	USPAT	OR	OFF	2006/09/20 16:09
S85	13	("3733447" "4513183" "4899132" "5136127").PN. OR ("5610590").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:11
S86	45364	inertia and (switch or detector)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:12

EAST Search History

S87	45364	(inertia and (switch or detector))"ti."	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:12
S88	197	(inertia and (switch or detector)). ti.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:14
S89	1	(inertia and (switch or detector)). ab. and (hollow near (chamber or cavity))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:14
S90	54	(inertia and (switch or detector)). ab. and hollow	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:16
S91	1219	(inertia or accleration and (switch or detector)).ab. and hollow	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:17
S92	54	((inertia or accleration) and (switch or detector)).ab. and hollow	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:17
S93	75	((inertia or accleration) and (switch or detector)).ab. and ball	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:18
S94	92	((inertia or accleration or accelerometer) and (switch or detector)).ab. and ball	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:18
S95	3	("4723447").URPN.	USPAT	OR	OFF	2006/09/20 16:21
S96	3	("4723447").URPN.	USPAT	OR	OFF	2006/09/20 16:21
S97	3	("4723447").URPN.	USPAT	OR	OFF	2006/09/20 16:25
S98	241	(vibration and (sensor or detector)).ab. and ball	USPAT	OR	OFF	2006/09/20 16:25
S99	347	(vibration and (sensor or detector)).ab. and ball	USPAT	OR	ON	2006/09/20 16:25
S10 0	742	(vibration and (sensor or detector)).ab. and ball	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 16:57
S10 1	103	(vibration and (sensor or detector)).ab. and ball and spherical	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 16:26
S10 2	35668	(accelerometer or motion adj sensor)".ti" and (ball or sphere or spherical) and (signal with recieving)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 16:37

EAST Search History

S10 3	35668	(accelerometer or (motion adj sensor)).ti" and (ball or sphere or spherical) and (signal with recieving)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 16:38
S10 4	31157	(accelerometer or (vibration adj sensor)).ti" and (ball or sphere or spherical) and (signal with recieving)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 16:38
S10 5	0	(accelerometer or (vibration adj sensor)).ab. and (ball or sphere or spherical) and (signal with recieving)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 16:39
S10 6	0	(accelerometer or (vibration adj sensor)).ab. and (ball or sphere or spherical) and (signal same recieving)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 16:39
S10 7	0	(accelerometer).ab. and (ball or sphere or spherical) and (signal same recieving)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 16:39
S10 8	0	accelerometer.ti. and (signal near recieving) and (ball or sphere or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:41
S10 9	221	accelerometer.ti. and (ball or sphere or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:42
S11 0	29	(vibration adj sensor).ti. and (ball or sphere or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:42
S11 1	33	(vibration adj sensor or vibration adj detector).ti. and (ball or sphere or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:43
S11 2	106	((vibrations near5 sensor) or (vibrations near5 detector) or (motion near5 sensor) or (motion near5 detector)).ti. and (ball or sphere or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:50
S11 3	141	((movement near5 sensor) or (moving near5 detector) or (motion near5 sensor) or (motion near5 detector)).ti. and (ball or sphere or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:50
S11 4	12	("3911899" "4517514" "4656458" "4846195" "4869251" "4901569" "5010893").PN. OR ("5183056").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:52

EAST Search History

S11 5	14	("20020118167" "3631271" "4869251" "5001460" "5183056" "5408214" "5844482" "5999091" "6046678" "6265974" "6301795" "6323446" "6377166" "6826844").PN. OR ("7061390").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:54
S11 6	1	("6826844").URPN.	USPAT	OR	OFF	2006/09/20 16:55
S11 7	14	("20020118167" "3631271" "4869251" "5001460" "5183056" "5408214" "5844482" "5999091" "6046678" "6265974" "6301795" "6323446" "6377166" "6826844").PN. OR ("7061390").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:55
S11 8	9	("5365671" "5917587" "6139053" "6301795" "6341428" "6470580" "6543147" "6622570").PN. OR ("6826844").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:56